

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S) : Patrick J. Brennan et al.
FOR : **METHOD AND APPARATUS FOR
DETERMINING THE RESISTANCE OF
MATERIALS TO LIGHT AND
CORROSIVES**
SERIAL NO. : Unknown
FILED : Herewith
EXAMINER : Unknown
ART UNIT : Unknown
CONFIRMATION NO. : Unknown
ATTORNEY DOCKET NO. : QPCZ 2 00041 US

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, 1.98 and MPEP § 609, applicant(s) submit(s) the following Disclosure Statement concerning art of which the applicant(s) is (are) aware. A copy of PTO-1449 is enclosed herewith.

This Information Disclosure Statement should not be construed to be an admission that any information referred to herein or submitted herewith is "prior art" or is considered to be material to patentability for this invention.

The United States Patent and Trademark Office OG Notice dated 12 October 2004 published a final rule revising 37 C.F.R. 1.98 dealing with the content of Disclosure Statements. Paragraph (a)(2) was revised to read in part, "A legible copy of: (i) Each foreign patent; (ii) Each publication or that portion which caused it to be listed,

other than U.S. patents and U.S. patent application publications unless required by the Office." Therefore, Applicant(s) has (have) not enclosed copies of the cited U.S. patents and published patent applications with this Information Disclosure Statement.

In accordance with 37 C.F.R. §1.97(g) and (h), the filing of this Information Disclosure Statement should not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

☒ Under § 1.98(a)(3), a concise explanation of relevance is required for information that is not in the English language. Accordingly, the English language documents have no further explanation.

☒ All of the cited and/or included documents were cited by the United States Patent Office in a related application(s). A copy of the International Search Report is enclosed.

Consideration of the appropriate paragraph(s) indicated below is respectfully requested:

☒ WITHIN THREE MONTHS OF FILING: Under § 1.97(b)(1), this Information Disclosure Statement is being filed within three months of the filing date of the application (or date of entry of the national stage). Although it is believed no fee is necessary, any deficiency in fees should be handled as set forth below.

☐ BEFORE FIRST OFFICE ACTION: Under § 1.97(b)(3), this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. Although it is believed no fee is necessary, any deficiency in fees should be handled as set forth below.

☐ BEFORE FINAL ACTION, OR NOTICE OF ALLOWANCE, OR ACTION THAT CLOSES PROSECUTION/WITH STATEMENT: Under § 1.97(c)(1), this information shall be considered if filed before the mailing date of a final action, or a Notice of Allowance or action that otherwise closes prosecution in the application if accompanied by the statement:

Under § 1.97(e)(1), the undersigned states:

☐ A. that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent

office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement; or

☐ B. that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

☐ **BEFORE FINAL ACTION, OR NOTICE OF ALLOWANCE, OR ACTION THAT CLOSSES PROSECUTION/WITH FEE:** Under § 1.97(c)(2), this information shall be considered if filed before the mailing date of a final action if accompanied by a fee in the amount of \$180.00 as required by §1.17(p). Accordingly, the necessary fee accompanies this Information Disclosure Statement, as set forth below.

☐ **AFTER FINAL ACTION, OR NOTICE OF ALLOWANCE, OR ACTION THAT CLOSSES PROSECUTION/AND ON OR BEFORE PAYMENT OF THE ISSUE FEE:**

1. Under § 1.97(e)(1), the undersigned states:

☐ A. that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement; or

☐ B. that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the Information Disclosure Statement; and

2. ☐ the fee in the amount of \$180.00 as required by §1.17(p). Accordingly, the necessary fee accompanies this Information Disclosure Statement, as set forth below.

☐ **PRIORITY CLAIM:** The attached PTO 1449 Form includes all patents, publications, or other information previously cited by or submitted to the Office in one or more prior applications from which the present application claims priority. These one or

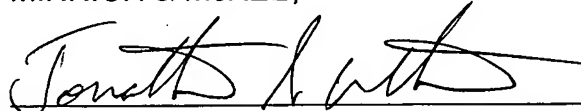
more prior applications are identified in the papers accompanying the filing of this application.

Any payment due for the filing of this Information Disclosure Statement is authorized to be charged to a Credit Card. The appropriate form PTO-2038 is enclosed for this purpose. **If the Credit Card is unable to be charged, please charge any and all fees or credit any overpayment to Deposit Account No. 06-0308.**

It is respectfully requested that the attached document(s) be considered and officially cited in examination of this application.

Respectfully submitted,

FAY, SHARPE, FAGAN,
MINNICH & McKEE, LLP



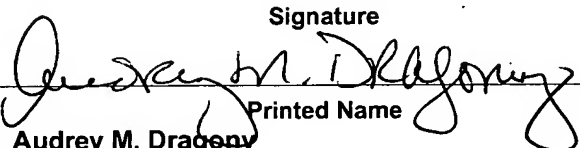
Christopher B. Fagan, Reg. No. 22,987
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216-861-5582

March 24, 2006
Date

CERTIFICATE OF MAILING OR TRANSMISSION

I certify that this Information Disclosure Statement and accompanying document(s) are being

- ☐ deposited with the United States Postal Service as First Class mail under 37 C.F.R. 1.8, addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.
- ☐ transmitted to facsimile number _____ under 37 C.F.R. 1.8 on the date indicated below.
- ☒ deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10, addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

<p>Express Mail Label No.: EV690740287US</p>	<p>Signature </p>
<p>Date March 24, 2006</p>	<p>Printed Name Audrey M. Dragon</p>

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S)	Application Number	Unknown
	Filing Date	Herewith
	First Named Inventor	Patrick J. Brennan et al.
	Art Unit	Unknown
	Examiner Name	Unknown
Sheet 1 of 3	Attorney Docket No.	QPCZ 2 00041 US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document No. Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	AA	US-1,827,530	10/13/1931	Le Grand
	AB	US-3,488,681	01/06/1970	Mita et al.
	AC	US-3,886,791	06/03/1975	Grossman
	AD	US-4,012,954	03/22/1977	Klippert
	AE	US-4,698,507	10/06/1987	Tator et al.
	AF	US-4,817,447	04/04/1989	Kashima et al.
	AG	US-4,874,952	10/17/1989	Arnaud et al.
	AH	US-4,995,273	02/26/1991	Kisima et al.
	AI	US-5,206,518	04/27/1993	Fedor et al.
	AJ	US-5,476,636	12/19/1995	Tomiita et al.
	AK	US-5,646,358	07/08/1997	Tikhtman et al.
	AL	US-5,998,799	12/07/1999	Cremer et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T
		Country Code-Number Kind Code (if known)			
	AM				<input type="checkbox"/>
	AN				<input type="checkbox"/>
	AO				<input type="checkbox"/>
	AP				<input type="checkbox"/>

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published	T
	AQ	International Search Report corresponding to PCT/US2004/006123	<input type="checkbox"/>
	AR	Ulrich Schulz, Peter Trubiroha, Theodor Engbert and Thomas Klimmasch, "The environmental etch resistance of high-quality PU clear coats", ECJ 1-2/99	<input type="checkbox"/>
	AS	Weiss Technik, "Weathering Tests, Global-UV-Test Unit, Model UV200, System Weiss - Type BAM", March 2000	<input type="checkbox"/>
	AT	B.-J. Schniewind, Reiskirchen, "Weathering Tests using Fluorescent Lamps as Radiation Sources" Translated from Kunststoffe 78 (1988) 11, pp. 1085/1088	<input type="checkbox"/>

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	First Named Inventor	Patrick J. Brennan et al.
	Art Unit	Unknown
Examiner Name	Unknown	
Sheet 2 of 3	Attorney Docket No.	QPCZ 2 00041 US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document No. Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	BA	US-6,285,137	09/04/2001	Grossman et al.
	BB	US-6,525,493	02/25/2003	Grossman et al.
	BC	US-		
	BD	US-		
	BE	US-		
	BF	US-		
	BG	US-		
	BH	US-		
	BI	US-		
	BJ	US-		
	BK	US-		
	BL	US-		

FOREIGN PATENT DOCUMENTS

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	BM				<input type="checkbox"/>
	BN				<input type="checkbox"/>
	BO				<input type="checkbox"/>
	BP				<input type="checkbox"/>

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	BQ	Ulrich Schulz and Peter Trubiroha, "Predicting Water Spot and Acid Etch Resistance of Clearcoats by Artificial Weathering: Acid Dew and Fog Test", pp. 106-120	<input type="checkbox"/>
	BR	Atlas Electric Devices Company, "XR35 Extreme Climate Accelerated Weathering"	<input type="checkbox"/>
	BS	Magnus Palm and Bo Carlsson, "New Accelerated Weathering Tests Including Acid Rain", Journal of Coatings Technology, Vol. 74, No. 924, January 2002, pp. 69-74	<input type="checkbox"/>

Examiner Signature		Date Considered	
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	Application Number	Unknown
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	Art Unit	Unknown
	Examiner Name	Unknown
Sheet 3 of 3	Attorney Docket No.	QPCZ 2 00041 US

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Examiner Initials*	Cite No.	Document No. Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	CA	US-		
	CB	US-		
	CC	US-		
	CD	US-		
	CE	US-		
	CF	US-		
	CG	US-		
	CH	US-		
	CI	US-		
	CJ	US-		
	CK	US-		
	CL	US-		

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Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T
		Country Code-Number Kind Code (if known)			
	CM				<input type="checkbox"/>
	CN				<input type="checkbox"/>
	CO				<input type="checkbox"/>
	CP				<input type="checkbox"/>

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
	CQ	Heraeus, "XENOTEST® 250T Accelerated light exposure and weathering machine Operating instructions", pp. 1-24	<input type="checkbox"/>
	CR	QUV Accelerated Weathering Tester Bulletin L8060 "Horizontal Option with ponding & water spray"	<input type="checkbox"/>
	CS		<input type="checkbox"/>
	CT		<input type="checkbox"/>

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